

Maher Athar Ilyas

Full-Stack Software Engineer

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EDUCATION

B.Sc. Computer Engineering - [Bilkent University, Ankara, Turkey](#)

Expected Graduation - 2024

CGPA 3.70

- **High Honor** International Student with **Full Merit Scholarship**.

- Database Systems, Programming Languages, Computer Organization, Engineering Management, Linear Algebra, Probability and statistics.

B.Sc Computer Science Exchange Semester - [University of Saarland, Saarbrücken, Germany](#)

April 2023 - Sep 2023

- High Level Computer Vision, Machine Learning, Foundations of Web Security and Ethics for Nerds

WORK EXPERIENCE

Full-Stack Developer - Part Time

June 2022 - Present

LAYERMARK

Remote / Washington, D.C

- Introduced innovative business rules management solutions with Drools, enabling **expansion opportunities** in existing products.
- Implemented optimized multiple back-end services with cache management using Java Spring, resulting in a **60% increase in response speed**.
- Accelerated front-end development and maintenance **time by 70%** by rebuilding UI with custom UI components in React.js

Automated Trading Systems Developer - Freelancing

Sep 2021 - Present

Fiverr & Upwork

Remote / Online

- Successfully designed and deployed **75 + highly effective crypto trading bots**, receiving exceptional customer reviews with a **perfect 5/5 rating**.
- Integrated web scraping techniques and APIs from top platforms like Binance, Kucoin, Discord, CoinMarketCap and Telegram.
- Leveraged Python data structures for data synchronization, portfolio management, smart notifications, and real-time technical analysis.

Graphic Designer and Social Media Manager - Part Time

Jan 2018 - Aug 2020

AL-HUDA Educational Institute

Lahore, Pakistan

- **Illustrated 72 workbooks** & school magazines for primary classes on CorelDraw.
- Planned and launched social media marketing campaign, obtaining **2.1k+ followers** on Facebook and **10k+ Subscribers** on YouTube.

TECHNICAL SKILLS

Front-end: REST APIs, Figma, React.js, ANT Design, DevExtreme, CSS, HTML, Bootstrap, XML, JSON, jQuery, and Node.js

Back-end: Spring Boot, Java, Django, PyTorch, Python, PostgreSQL, MySQL, C++, PHP, Docker, Drools, Postman and Assembly.

Miscellaneous: TensorFlow, Ethical Hacking, Git/ GitHub, CorelDraw, Adobe Premiere Pro, Android Studio, Google Analytics & Facebook Ads.

PROJECTS

BilCargo - [React.js](#), [ANT Design](#), [CSS](#), [Spring Boot](#), [MySQL](#), [REST APIs](#), [Postman](#)

- Developed a web-based logistics management system with CRUD operations, search and filtering, and report generation functionality.
- Implemented a secure BCNF-normalized ER database model with user specific custom data access privileges. ([GitHub](#))

Habinet : Social Media of Productivity - [Java](#), [JDBC](#), [MySQL](#), [Swing](#), [Database Management](#)

- A gamified habit tracking desktop application with integrated social media features such as groups, group chat, leaderboards, past trends & habits visualizing graphs and to-do list, deployed with a server hosted database. ([GitHub](#))

Personal Website - [HTML](#), [CSS](#), [Bootstrap](#), [JavaScript](#), [jQuery](#), [PHP](#), [Git](#), [Github Pages](#)

- An online mobile-friendly and responsive resume website, styled and animated using CSS, Bootstrap and Javascript.
- Hosted on Github Pages and maintained using Git. ([atherrrrr.github.io](#))

Smart-Music Player App for Android - [Java](#), [XML](#), [Android Studio](#)

- Created an android application with an animated UI design using XML and Java that plays .mp3 music files.
- Implemented a music playback feature that groups songs based on user preferences and current mood

Simplified 32-bit Programmable Processor - [SystemVerilog](#), [Vivado](#), [MIPS Assembly](#)

- A five instruction processor implemented for Basys-3 FPGA board using simplified datapath and controller.

LEADERSHIP & AWARDS

- **2nd Runner-up** in Business simulation, out of 700+ participants - **BusinessPoint'22 (Pepsico, P&G, EY, Armut and Audi)**

19-20 March 2022

- **Cambridge Outstanding Learners Award** for Regional Distinction in Computer Science Exam (O-Level) - **British Council**

Jan 2020

- **Vice-President** Bilkent United- Sports Lovers Society - **Bilkent University**

Aug 2022 - Jan 2023